# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 22 Mar 2021 until 23:59 on Tuesday 23 Mar 2021

Forecast Issued on Monday 22 Mar 2021 at 03:40

**Confidence:** High confidence in general outlook of declining high pressure over the area. Lower confidence in cloud amounts and rainfall on Tuesday and Thursday.

**Headline for Monday 22 Mar 2021:** A bright start in the east, but soon generally cloudy. Dry throughout.

**Mountain weather hazards on Monday 22 Mar 2021**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Partly cloudy (night) | Cloudy | Cloudy | Cloudy | Cloudy | Cloudy |
| Precipitation probability | | | | | |
| 10% | 10% | 10% | 10% | 10% | 10% |

**Forecast for Monday 22 Mar 2021**

**Weather:** Dry throughout. Bright in parts of the east at first, but a developing layer of cloud will soon spread from western areas as this rises over the course of the day, possibly becoming quite dull at times during the evening.

**Chance of cloud free mountain/hill tops above 600m:** 40% chance in the east first thing, but falling as scattered low cloud spreads from the west.

**Visibility:** Generally good visibility, but some lower cloud forming at times around the exposed western slopes, this will be around 500m and above.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Monday 22 Mar 2021**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 9/16 W | 14/19 W | 16/22 W | 18/25 W | 15/22 W | 13/19 W | 11/17 SW |
| **300** | 5/16 W | 9/17 W | 11/20 W | 13/23 W | 10/19 W | 7/16 W | 6/14 SW |
| **Valley** | 1/6 NW | 4/8 SW | 10/18 W | 11/19 W | 7/15 W | 5/13 SW | 4/13 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 1/-3 | 2/-2 | 4/-1 | 4/-1 | 3/-2 | 2/-2 | 2/-2 |
| **300** | 2/-0 | 6/3 | 7/4 | 7/3 | 6/2 | 5/2 | 5/2 |
| **Valley** | 3/1 | 6/5 | 9/6 | 8/6 | 7/5 | 6/5 | 6/4 |
| **Freezing Level*** | 900m | 1000m | 1100m | 1000m | 1000m | 900m | 1000m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A significant wind chill is expected at height but freezing level is generally above the tops.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Mon 22 Mar 2021 | 0mm | 0mm | 0.2mm |

**Forecast for Tuesday 23 Mar 2021**

**Weather:** Cloudy overnight but mainly dry. Largely dry on Tuesday morning but becoming increasingly cloudy as a front approaches from the west later in the day bringing some light rain in the evening.

**Maximum wind:** Southwesterly 15mph gusts 25mph increasing 25mph gusts 40mph by later in the afternoon.

**Chance of cloud free mountain/hill tops above 600m:** 60% in the morning, lowering to 40% in the afternoon.

**Visibility:** Some lower cloud forming at 600m particularly in the west in the morning, low cloud becoming broken around 500m and above. Best chance of clear tops will be in the east of the Dales.

**Temperature:** **Valleys:** Plus 5 rising to plus 8 Celsius.
**At 600m:** Plus 2 Celsius.
**Freezing level:** Around 1000m.

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